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## **ABSTRACT**

A disc brake rotor having a grey cast iron composition. Said composition comprises between 0.5 and 1.2% by weight of copper, and a plurality of hard carbide forming metals, including both vanadium and titanium. The ratio between the weight of copper present and the weight of said hard carbide forming metals is 1.8 to 3 units of copper to 1 unit of the hard carbide forming metals.

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